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(57) Abstract

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The invention provides a method of targeting a drug to areas of hypoxic and/or ischemic tissue within the body in which the desired drug species is linked to a non-cytotoxic bioreductive carrier. Also provided by the invention are novel bioreductive conjugates comprising a non-cytotoxic bioreductive moiety with linked-thereto at least one therapeutic agent. The compounds of the invention are particularly suitable for the treatment of rheumatoid arthritis and other arthritic conditions, diabetes, atherosclerosis, stroke, sepsis, Alzheimer's disease and other neurological disorders, cancer, kidney disease, digestive disease, liver disease, chronic periodontitis or ischemia following tissue transplantation.